

Attorney's Docket No.: 06618/526001

Amendments to the Specification:

Please replace the paragraph beginning at page 8, line 10 with the following amended paragraph:

The APS array 110 may be formed with CMOS-compatible active pixel sensors integrated on a semiconductor substrate. The integrators may also be integrated with the APS array 110 on the same substrate by using the CMOS technology to perform the time-delayed integration. Such a CMOS imaging device hence can combine the time-delayed integration mechanism with various advantages and on-chip processing functionalities of the CMOS APS technology. Since each APS pixel internally converts the photon-induced charge into an electrical signal, the charge transfer from one pixel to another is avoided.